

A new *Dendrobium*, *D. gracilipes*, from the Rhio Archipelago.

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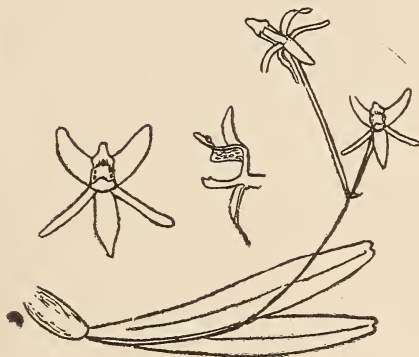


Figure of *Dendrobium gracilipes* reduced to $\frac{1}{2}$: the flower in section
and in face view natural size.

Dendrobium (Sarcopodium) gracilipes. *Rhizoma* longum, seu pennae corvinae crassum. *Pseudobulbi* juniores bracteis scariosis vaginati, deinde nudi, 4 cm. dispersi, oblique ovoidei, circa 3 cm. longi, politi, viridissimi, nitentes, diametro ad 14 mm., bifoliati. *Folia*, glabra, sessilia, lineari-elliptica, ad 16 cm. longa, ad 2.5 cm. lata, polita nitentia, saturate viridia, pagina inferiori pallidiora, apice bidentata dentibus rotundatis. *Pedicellus* glaber, capillaris inter folia natus, biflorus, viridis. *Ovarium* pallidum, longum. *Sepala* eburnea, lanceolata; dorsale cum ovario angulum rectum faciens; lateralia ad pedem gynostemii decurrenta mentum rectangulare 5 mm. longum formantia, leviter curvata; omnia 15 mm. longa, 5 mm. lata, acuta. *Petala* linearia, sepalis aequilonga, 1.5 mm. lata, eburnea, leviter curvata, acuta. *Labellum* trilobatum; lobi laterales velut parietes antri erecti, margine superiori admodum recti, intus purpureo-puncticulati, apice purpurei, etiamque in marginibus superioribus purpurei, in margine inferiori saturate crocei; lobus medius subdeltoideus ex basi lata apice subacuminatus, marginibus et apice eburneus, versus fauces croceus, tri-carinatus. *Columna* ex ovario prorsa, eburnea, equilateralis, ad basi infra rufobrunnea.

RHIO. Colitur in Singapur a B. K. Saheb, floruit mense Octobri et mense Novembri.

This species is near *Dendrobium longipes*, Hook. f. and *D. macropodium*, Hook. f., the former especially. It is much more slender than either, and indeed is a really graceful little orchid. From *D. longipes* it differs also in its narrow petals and the straighter side to the lateral lobes of the labellum. These lateral lobes are folded upwards so as to make the walls of the rectangular tunnel into which insects are invited that they may fertilise the flowers. The mid lobe of the labellum is very much as in *D. longipes* (vide Hooker's *Icones plantarum*, plate 2617): its bright yellow centre set off by the purple at its back on the side lobes and the reddish brown in the back under the column. The rest of the flower is ivory white. The long slender ovaries are as in *D. longipes*, and as in *D. macropodium*.

On the whole the flower superficially suggests a *Coelogyne*.